

**Abstract**

A linear traverse mechanism for guiding the spooling of a flexible linear product at high speed, made possible by reducing the inertial load of the mechanism while reducing the angular deflection of the filament. The mechanism includes a pivotally  
5 mounted traverse arm controlled by an electric motor having precision indexing ratio characteristics to compensate for linear error. In one embodiment, the linear product is fed through a guiding means carried by said traverse arm to be discharged adjacent a receiving spool. Control of movement of the traverse arm depends upon manually controlled programming means, which compares a desired position of the traverse arm  
10 with an actually attained position of the arm.